

Amendments to the Specification

Please replace the Substitute "Sequence Listing" filed on January 5, 2004 (sheets 1/3 through 3/3) with the Substitute "Sequence Listing" (sheets 1/3 through 3/3) comprising SEQ ID NOS.:1 through 7 filed concurrently herewith.

Please replace the paragraph at page 1, lines 8 through 10 with the following amended paragraph:

This application is a continuation-in-part of U.S. Application 09/909,122 filed July 19, 2001 which claims the benefit of US Provisional Application No. 60/219,300, filed July 19, 2000, the entire teachings of which are incorporated herein by reference.

Please replace the paragraph at page 7, line 15 through page 8, line 3 with the following amended paragraph:

In a preferred embodiment, the thrombin peptide derivative comprises a serine esterase conserved sequence and a polypeptide having a more specific thrombin amino acid sequence Arg-Gly-Asp-Ala (SEQ ID NO 3). One example of a thrombin peptide derivative of this type comprises Arg-Gly-Asp-Ala-Cys-X₁-Gly-Asp-Ser-Gly-Gly-Pro-X₂-Val (SEQ ID NO 4). X₁ and X₂ are as defined above. When the thrombin peptide derivative comprises SEQ ID NO 4, it preferably has the amino acid sequence of SEQ ID NO 5 (Ala-Gly-Tyr-Lys-Pro-Asp-Glu-Gly-Lys-Arg-Gly-Asp-Ala-Cys-Glu-Gly-Asp-Ser-Gly-Gly-Pro-Phe-Val) (~~Ala-Gly-Tyr-Lys-Pro-Asp-Glu-Gly-Lys-Arg-Gly-Asp-Ala-Cys-Glu-Gly-Asp-Ser-Gly-Gly-Pro-Phe-Val~~) or an *N*-terminal truncated fragment thereof, provided that zero, one, two or three amino acids at positions 1-9 in the thrombin peptide derivative differ from the amino acid at the corresponding position of SEQ ID NO 5. Preferably, the amino acids in the thrombin peptide derivative which differ from the corresponding amino acid in SEQ ID NO 5 are conservative substitutions, and are more preferably highly conservative substitutions. An "*N*-terminal truncated fragment" refers to a fragment remaining after removing an amino acid or block of amino acids from the *N*-terminus, preferably a block of no more than six amino acids, more preferably a block of no more than three amino acids. A physiologically functional equivalent of SEQ ID NO: 5 is SEQ ID NO: 6 which has the identical amino sequence of SEQ ID NO: 5 and also contains a C-terminal amide.